



Substituted Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-610001	Application No. 10/041,678
		Applicant Gilbert Wolrich et al. #13	
		Filing Date 01/07/02	Group Art Unit 2183

Information Disclosure Statement  
by Applicant  
(Use several sheets if necessary)

(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,694,380	02/17/2004	Wolrich et al.			
	AB	6,681,300	01/20/2004	Wolrich et al.			
	AC	6,668,317	12/23/2003	Bernstein et al.			
	AD	6,667,920	06/09/2003	Wolrich et al.			
	AE	6,661,794	12/09/2003	Wolrich et al.			
	AF	6,631,462	10/07/2003	Wolrich et al.			
	AG	6,631,430	10/07/2003	Wolrich et al.			
	AH	6,625,654	09/23/2003	Wolrich et al.			
	AI	6,606,704	08/12/2003	Adiletta et al.			
	AJ	6,587,906	07/01/2003	Wolrich et al.			
	AK	6,584,522	06/24/2003	Wolrich et al.			
	AL	6,577,542	06/10/2003	Wolrich et al.			
	AM	6,560,667	05/06/2003	Wolrich et al.			
	AN	6,552,826	04/22/2002	Adler et al.			
	AO	6,532,509	03/11/2003	Wolrich et al.			
	AP	6,522,188	02/18/2003	Poole			
	AQ	6,463,072	10/08/2002	Wolrich et al.			
	AR	6,434,145	08/13/2002	Opsashnick et al.			
	AS	6,430,626	08/06/2002	Witkowski et al.			
	AT	6,427,196	07/30/2002	Adiletta et al.			
	AU	6,426,940	07/30/2002	Seo et al.			
	AV	6,415,338	07/02/2002	Habot			
	AW	6,393,483	05/21/2002	Latif et al.			
	AX	6,389,449	05/14/2002	Nermirovsky et al.			
	AY	6,373,848	04/16/2002	Allison et al.			
	AZ	6,360,262	03/19/2002	Guenthner et al.			
	AAA	6,359,911	03/19/2002	Movshovich et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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01/07/02Group Art Unit  
21837**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	BD	6,324,624	11/27/01	Wolrich et al.			
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	BG	6,289,011	09/11/2001	Seo et al.			
	BH	6,279,113	08/21/2001	Vaidya			
	BI	6,275,505	08/14/2001	O'Loughlin et al.			
	BJ	6,272,616	08/07/2001	Fernando et al.			
	BK	6,256,713	07/03/2001	Audityan et al.			
	BL	6,247,025	06/12/2001	Bacon			
	BM	6,223,279	04/24/2001	Nishimura et al.			
	BN	6,223,238	04/24/2001	Meyer et al.			
	BO	6,223,207	04/24/2001	Lucovsky et al.			
	BP	6,216,220	04/10/2001	Hwang			
	BQ	6,212,611	04/03/2001	Nizar et al.			
	BR	6,212,542	04/03/2001	Kahle et al.			
	BS	6,201,807	03/18/2001	Prasanna			
	BT	6,199,133	03/06/2001	Schnell			
	BU	6,195,676	02/27/2001	Spix et al.			
	BV	6,182,177	01/30/2001	Harriman			
	BW	6,160,562	12/12/2000	Chin et al.			
	BX	6,157,955	12/05/2000	Narad et al.			
	BY	6,145,054	11/07/2000	Mehrotra et al.			
	BZ	6,144,669	11/07/2000	Williams et al.			
	BAA	6,141,765	10/31/2000	Sherman			

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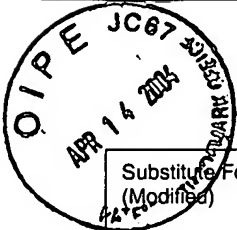
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	CB	6,134,665	10/17/2000	Klein et al.			
	CC	6,112,016	08/29/2000	MacWilliams et al.			
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	CE	6,092,127	07/18/2000	Tausheck			
	CF	6,085,294	07/04/2000	Van Doren et al.			
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	CH	6,079,008	06/20/2000	Clery, III			
	CI	6,073,215	06/06/2000	Snyder			
	CJ	6,072,781	06/06/2000	Feeney et al.			
	CK	6,070,231	05/30/2000	Ottinger			
	CL	6,067,585	05/23/2000	Hoang			
	CM	6,058,168	05/02/2000	Braband			
	CN	6,023,742	02/08/2000	Ebeling et al.			
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	CQ	5,983,274	11/09/1999	Hyder et al.			
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	CS	5,978,838	11/02/1999	Heinrich et al.			
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	CU	5,970,013	10/19/1999	Fischer et al.			
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	CW	5,958,031	09/28/1999	Kime			
	CX	5,948,081	09/07/1999	Foster			
	CY	5,946,487	08/31/1999	Dangelo			
	CZ	5,940,866	08/17/1997	Chisholm et al.			
	CAA	5,940,612	08/17/1999	Brady et al.			

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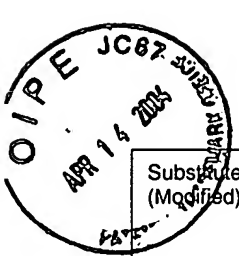
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	DB	5,928,736	08/17/1999	Muller et al.			
	DC	5,915,123	06/22/1999	Mirsky et al.			
	DD	5,905,889	05/18/1999	Wilhelm, Jr.			
	DE	5,905,876	08/18/1999	Pawlowski et al.			
	DF	5,892,979	04/06/1999	Shiraki et al.			
	DG	5,890,208	03/30/1999	Kwon			
	DH	5,887,134	03/23/1999	Ebrahim			
	DI	5,886,992	03/23/1999	Raatikaian et al.			
	DJ	5,860,158	01/12/1999	Pai et al.			
	DK	5,854,922	12/29/1998	Gravenstein et al.			
	DL	5,835,755	11/10/1998	Stellwagen, Jr.			
	DM	5,832,215	11/03/1998	Kato et al.			
	DN	5,828,863	10/27/1998	Barrett et al.			
	DO	5,828,746	10/27/1998	Ardon			
	DP	5,812,868	11/22/1998	Moyer et al.			
	DQ	5,809,530	09/15/1998	Samra et al.			
	DR	5,809,235	09/15/1998	Sharma et al.			
	DS	5,797,043	08/18/1998	Lewis et al.			
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	DU	5,784,712	07/21/1998	Byers et al.			
	DV	5,784,649	07/21/1998	Begur et al.			
	DW	5,781,774	07/14/1998	Krick			
	DX	5,761,522	06/02/1998	Hisanga et al.			
	DY	5,761,507	06/02/1998	Govett			
	DZ	5,751,987	04/12/1998	Mahant-Shetti et al.			
	DAA	5,745,913	04/28/1998	Pattin et al.			

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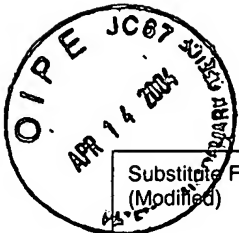
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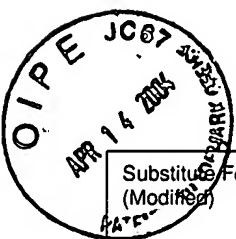
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	EB	5,742,782	04/21/1998	Ito et al.			
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	EE	5,717,898	02/10/1998	Kagan et al.			
	EF	5,699,537	12/16/1997	Sharangpani et al.			
	EG	5,689,566	11/18/1997	Nguyen			
	EH	5,680,641	10/21/1997	Sidman			
	EI	5,659,687	08/19/1997	Kim et al.			
	EJ	5,649,157	07/15/1997	Williams			
	EK	5,644,623	07/01/1997	Gutledge			
	EL	5,630,641	05/13/1997	Perotto et al.			
	EM	5,627,829	05/06/1997	Gleeson et al.			
	EN	5,623,489	04/22/1997	Cotton et al.			
	EO	5,613,136	03/18/1997	Casavant et al.			
	EP	5,613,071	03/18/1997	Rankin et al.			
	EQ	5,592,622	01/07/1997	Isfeld et al.			
	ER	5,574,922	11/12/1996	James			
	ES	5,568,617	10/22/1996	Kametani			
	ET	5,557,766	09/17/1996	Takiguchi et al.			
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	EW	5,542,088	07/30/1996	Jennings, Jr. et al.			
	EX	5,542,070	07/30/1996	LeBlanc et al.			
	EY	5,517,648	05/14/1996	Bertone et al.			
	EZ	5,467,452	11/14/1995	Blum et al.			
	EAA	5,463,625	10/31/1995	Yasrebi			

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(37 CFR §1.98(b))

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	FA	5,459,842	10/17/1995	Begun et al.			
	FB	5,452,437	09/19/1995	Richey et al.			
	FC	5,450,351	09/12/1995	Heddes			
	FD	5,448,702	09/05/1995	Garcia, Jr. et al.			
	FE	5,432,918	07/11/1995	Stamm			
	FF	5,404,484	04/04/1995	Bennett			
	FG	5,404,482	04/04/1995	Stamm et al.			
	FH	5,392,412	02/21/1995	McKenna			
	FI	5,392,411	02/21/1995	Ozaki			
	FJ	5,392,391	02/21/1995	Caulk, Jr. et al.			
	FK	5,390,329	02/14/1995	Gaertner et al.			
	FL	5,367,678	11/22/1994	Lee et al.			
	FM	5,347,648	09/13/1994	Stamm et al.			
	FN	5,263,169	11/16/1993	Genusov et al.			
	FO	5,255,239	10/19/1993	Taborn et al.			
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	FQ	5,173,897	12/22/1992	Pfeiffer et al.			
	FR	5,168,555	12/01/1992	Byers et al.			
	FS	5,155,854	10/13/1992	Flynn et al.			
	FT	5,155,831	10/13/1992	Emma et al.			
	FU	5,142,683	08/25/1992	Burkhardt, Jr. et al.			
	FV	5,140,685	08/18/1992	Sipple et al.			
	FW	4,866,664	09/12/1989	Burkhardt, Jr. et al.			
	FX	4,745,544	05/17/1988	Renner et al.			
	FY	4,523,272	06/11/1985	Fukunaga et al.			
	FZ	4,514,807	04/30/1985	Nogi			
	FAA	4,400,770	08/23/1983	Chan et al.			

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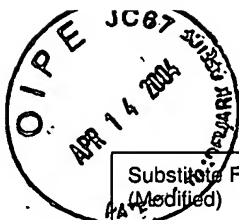
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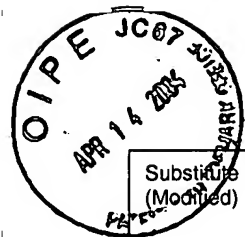


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	GA	4,130,890	12/19/1978	Adam			
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	GD	3,478,322	11/11/1969	Evans			
	GE	3,373,408	03/12/1968	Ling			
	GF	10/726,757	12/03/2003	Wolrich et al.			
	GG	10/684,078	10/10/2003	Wolrich et al.			
	GH	10/664,202	09/16/2003	Wolrich et al.			
	GI	10/644,337	08/20/2003	Wolrich et al.			
	GJ	10/643,438	08/19/2003	Bernstein et al.			
	GK	10/615,500	07/08/2003	Adiletta			
	GL	10/615,280	07/08/2003	Wolrich et al.			
	GM	10/208,264	07/30/2002	Adiletta et al.			
	GN	10/066,297	02/01/2002	Wolrich et al.			
	GO	10/057,780	01/23/2002	Wolrich et al.			
	GP	10/039,289	01/04/2002	Wolrich et al.			
	GQ	10/024,657	12/18/2001	Wolrich et al.			
	GR	10/024,502	12/17/2001	Rosenbluth et al.			
	GS	10/020,815	12/12/2001	Wolrich et al.			
	GT	09/475,614	12/30/1999	Wolrich at al.			
	GU	09/473,571	12/28/1999	Wolrich et al.			

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Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
opc	GV	WO 01/50679	07/12/2001	WIPO				
opc	GW	WO 01/50247	07/12/2001	WIPO				
opc	GX	WO 01/48619	07/05/2001	WIPO				

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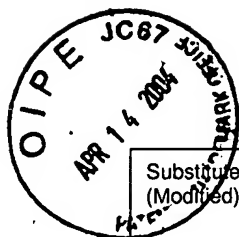


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							Yes	No
OPC	HA	WO 01/48606	07/05/2001	WIPO				
OPC	HB	WO 01/48596	07/05/2001	WIPO				
OPC	HC	WO 01/16782	03/08/2001	WIPO				
OPC	HD	WO 01/16770	03/08/2001	WIPO				
OPC	HE	WO 01/16769	03/08/2001	WIPO				
OPC	HF	WO 01/15718	03/08/2001	WIPO				
OPC	HG	WO 97/38372	10/16/1997	WIPO				
OPC	HH	WO 94/15287	07/07/1994	WIPO				
OPC	HI	EP 0 809 180	11/26/1997	Europe				
OPC	HJ	EP 0 745 933	12/04/1996	Europe				
OPC	HK	EP 0 633 678	01/11/1995	Europe				
OPC	HL	EP 0 464 715	01/08/1992	Europe				
OPC	HM	EP 0 379 709	08/01/1990	Europe				
OPC	HN	59111533	06/27/1984	Japan				ABS

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OPC	HO	Byrd et al., "Multithread Processor Architectures," <i>IEEE Spectrum</i> , Vol. 32, No. 8, New York, 1 August 1995, pp. 38-46.
OPC	HP	Doyle et al., <i>Microsoft Press Computer Dictionary</i> , 2 <sup>nd</sup> ed., Microsoft Press, Redmond, Washington, USA, 1994, p. 326.
OPC	HQ	Fillo et al., "The M-Machine Multicomputer," <i>IEEE Proceedings of MICRO-28</i> , 1995, pp. 146-156.
OPC	HR	Gomez et al., "Efficient Multithreaded User-Space Transport for Network Computing: Design and Test of the TRAP Protocol," <i>Journal of Parallel and Distributed Computing</i> , Academic Press, Duluth, Minnesota, USA, vol. 40, no. 1, 10 January 1997, pp. 103-117.
OPC	HS	Haug et al., "Reconfigurable hardware as shared resource for parallel threads," <i>IEEE Symposium on FPGAs for Custom Computing Machines</i> , 1998.
OPC	HT	Hauser et al., "Garp: a MIPS processor with a reconfigurable coprocessor," <i>Proceedings of the 5<sup>th</sup> Annual IEEE Symposium on Field-Programmable Custom Computing Machines</i> , 1997.
OPC	HU	Hyde, R., "Overview of Memory Management," <i>Byte</i> , vol. 13, no. 4, 1998, pp. 219-225.
OPC	HV	Litch et al., "StrongARMing Portable Communications," <i>IEEE Micro</i> , 1998, pp. 48-55.


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Examiner Initial	Desig. ID	Document
OPC	IA	Schmidt et al., "The Performance of Alternative Threading Architectures for Parallel Communication Subsystems," Internet Document, <i>Online!</i> , 13 November 1998.
OPC	IB	Thistle et al., "A Processor Architecture for Horizon," IEEE, 1998, pp. 35-41.
OPC	IC	Tremblay et al., "A Three Dimensional Register File for Superscalar Processors," IEEE Proceedings of the 28 <sup>th</sup> Annual Hawaii International Conference on System Sciences, 1995, pp. 191-201.
OPC	ID	Trimberger et al., "A time-multiplexed FPGA," Proceedings of the 5 <sup>th</sup> Annual IEEE Symposium on Field-Programmable Custom Computing Machines," 1998.
OPC	IE	Turner et al., "Design of a High Performance Active Router," Internet Document, <i>Online</i> , 18 March 1999.
OPC	IF	Vibhatavanijt et al., "Simultaneous Multithreading-Based Routers," Proceedings of the 2000 International Conference of Parallel Processing, Toronto, Ontario, Canada, 21-24 August 2000, pp. 362-359.
OPC	IG	Wazlowski et al., "PRSIM-II computer and architecture," IEEE Proceedings, Workshop on FPGAs for Custom Computing Machines, 1993.

Examiner Signature 	Date Considered 5/4/04
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	